## **APPENDIX A. Design Drawings**

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Sheet 1 Vicinity Map

Sheet 2 Individual Areas of Activity Plan View

Sheets 3-18 WSDOT Road Raising Plan Views

Sheet 19 Highway Pull-Out Plan View

Sheets 20-23 Corps Grading, Cross Dike, and Dike Removal Plan Views

Sheet 24-25 Wetland Areas and Designations

Sheets 26-29 NRCS WRP Site #1 Plan Views

Sheets 30-35 NRCS WRP Site #2 Plan Views

Sheets 36-37 WSDOT Road Raising Cross Sections

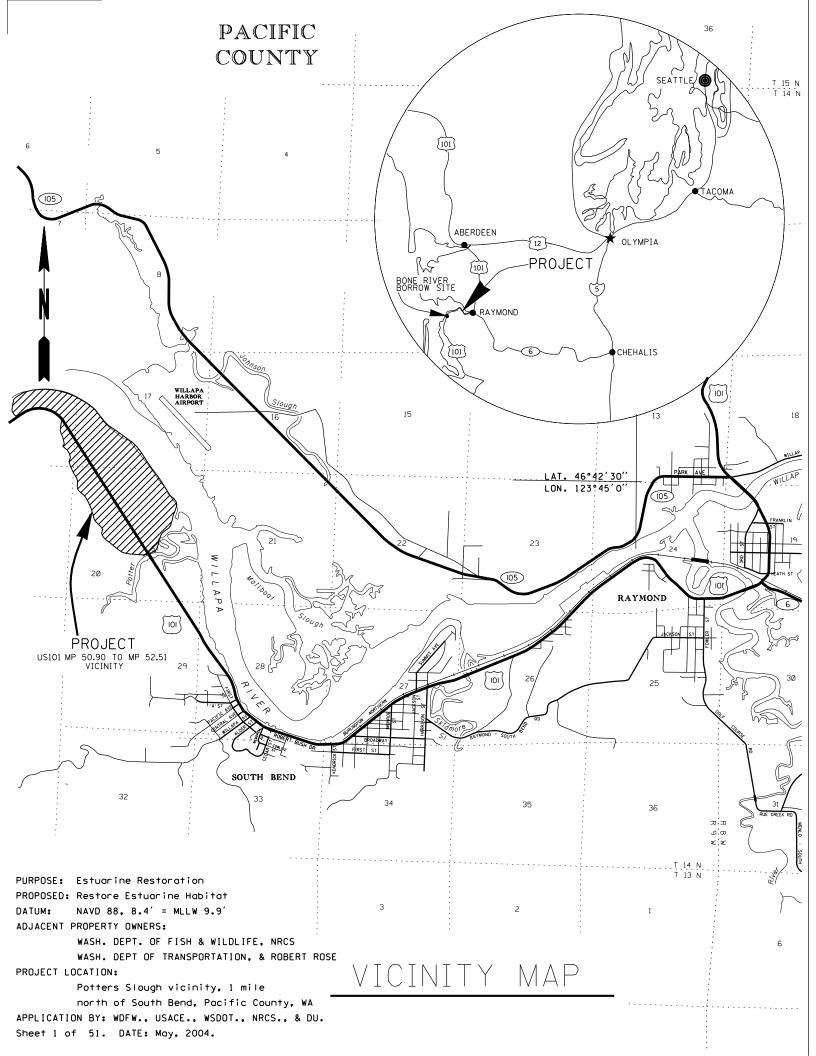
Sheet 38 Highway Pull-Out Cross Sections

Sheets 39-40 Corps Grading, Cross Dike, and Dike Removal Cross Sections

Sheets 41-45 NRCS WRP Site #1 Cross Sections

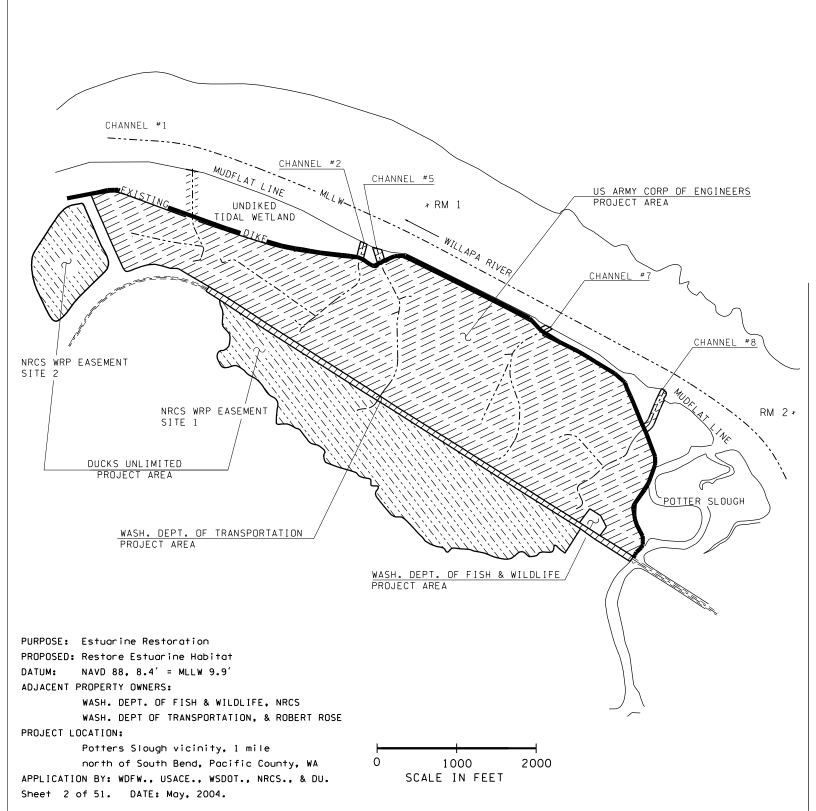
Sheets 46-51 NRCS WRP Site #2 Cross Sections

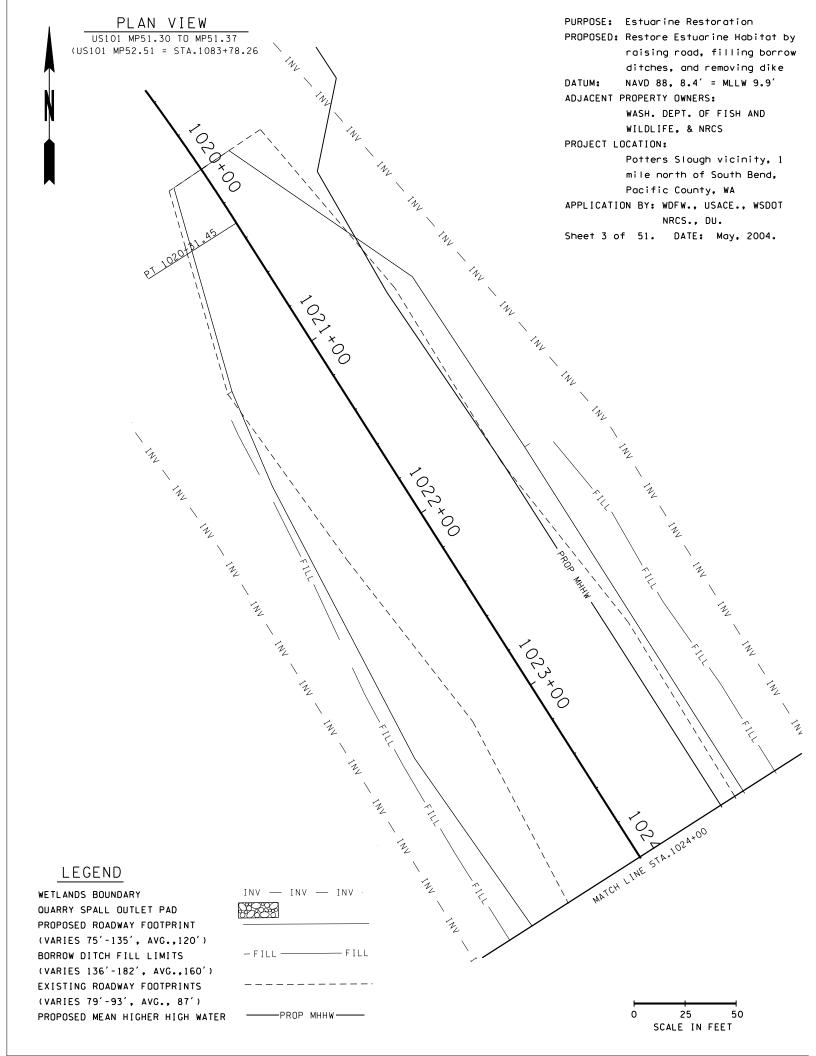
Sheets 52-53 Bone River Borrow Site Location Map and Grading Plan

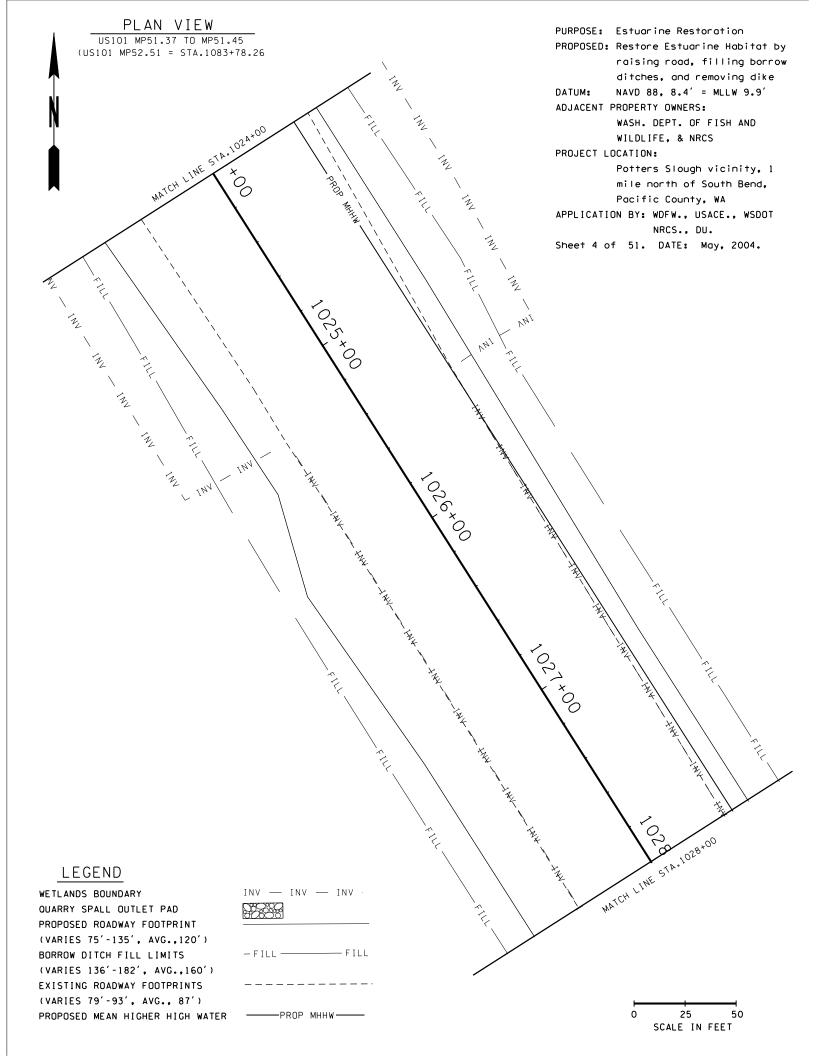


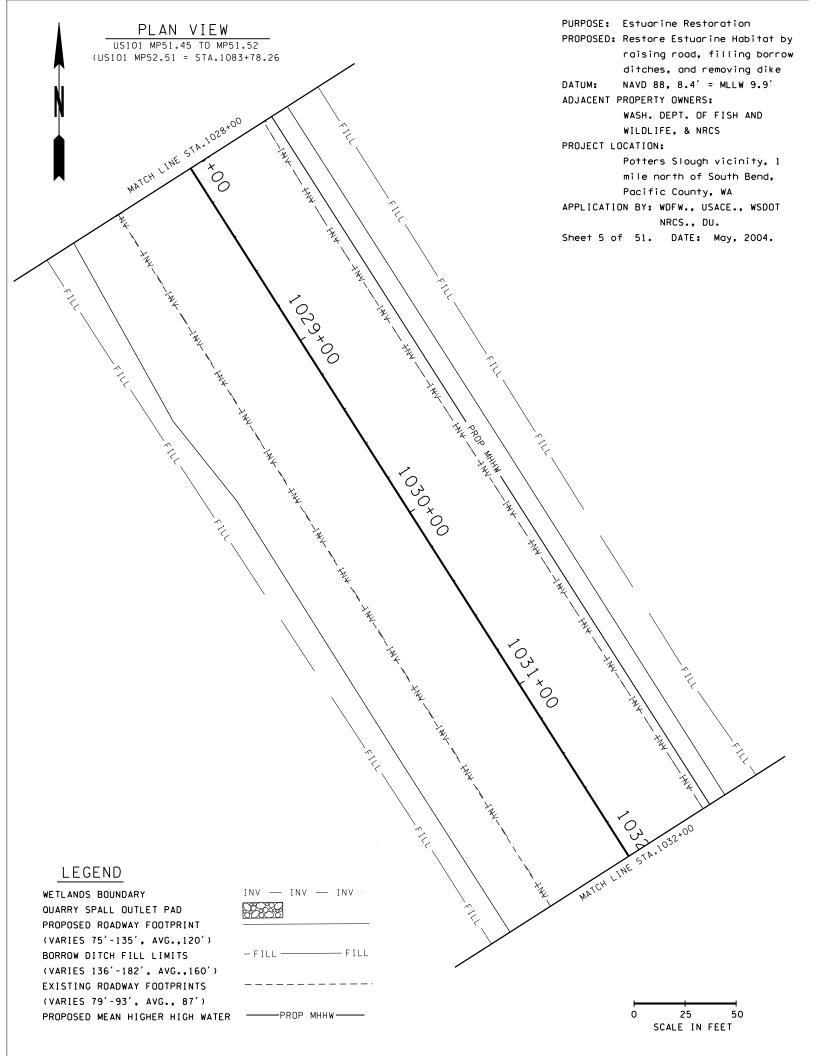


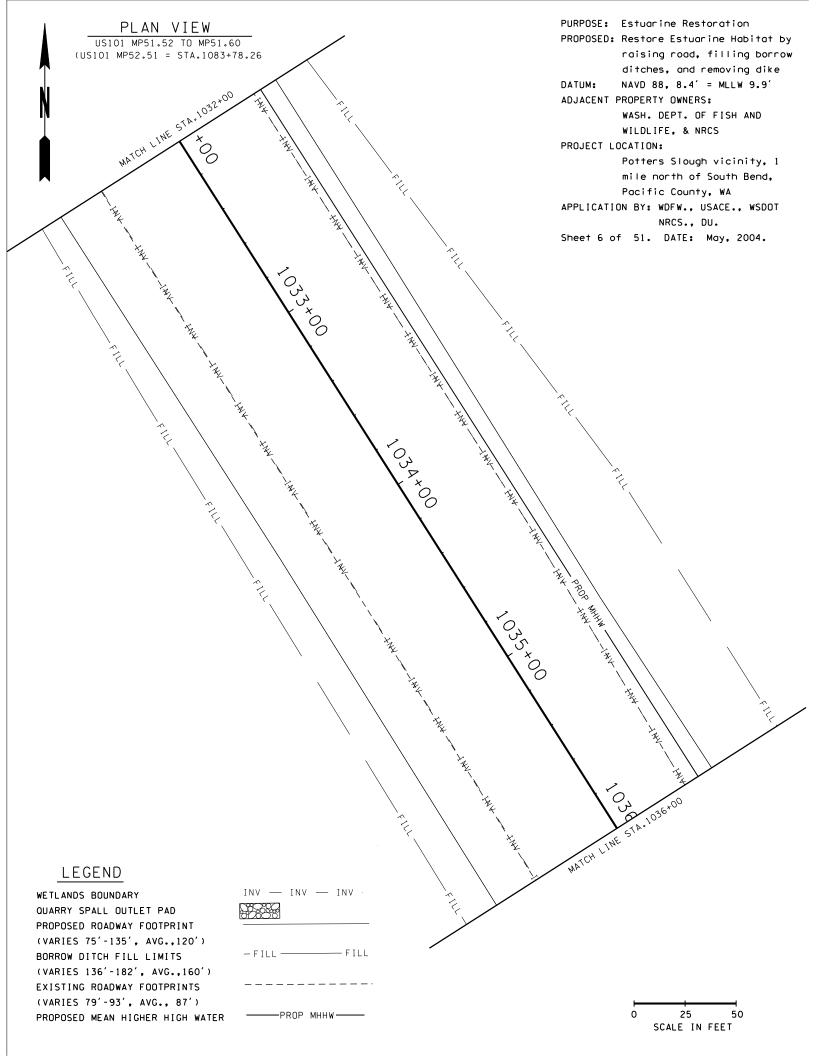
NOTE:- Eight historic primary channels were on site. However only 5 will be deepend as part of the proposed project.

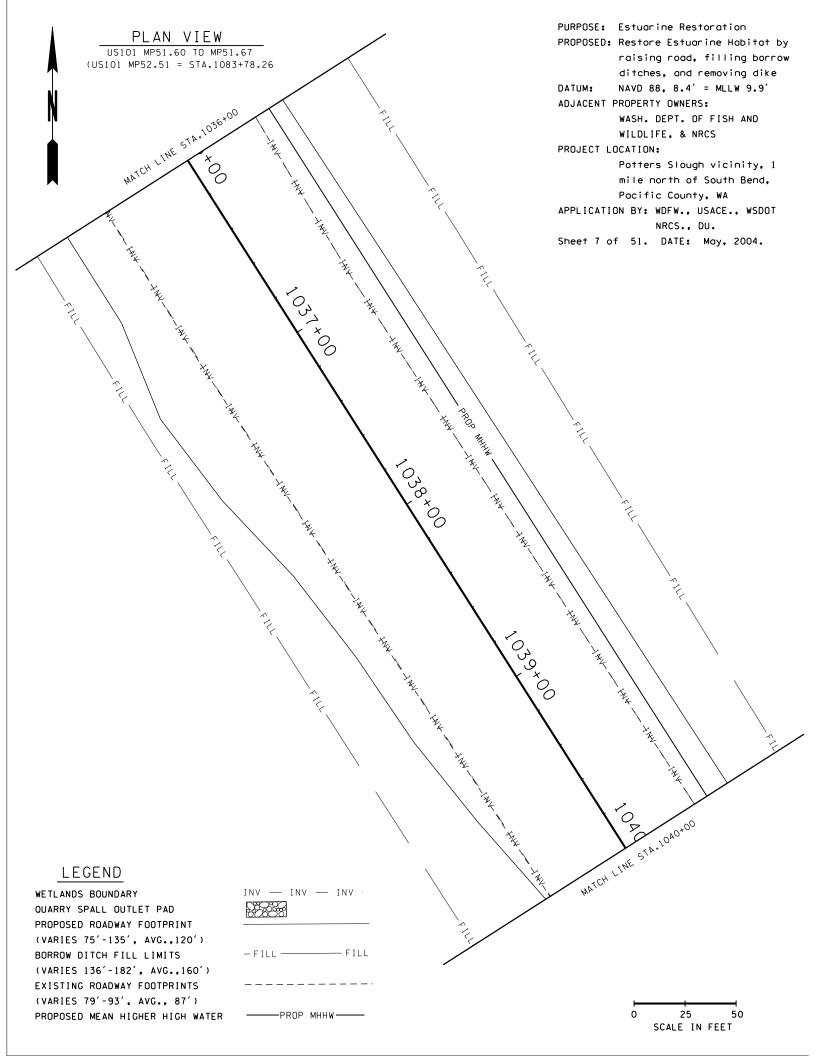


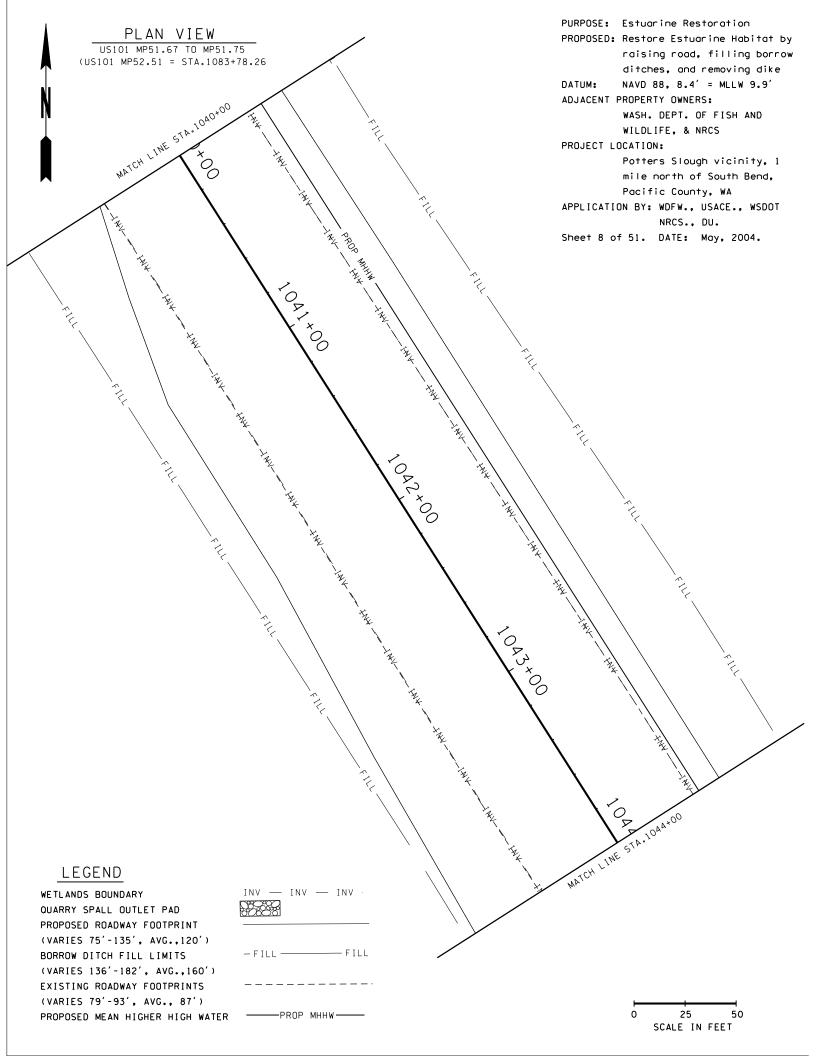


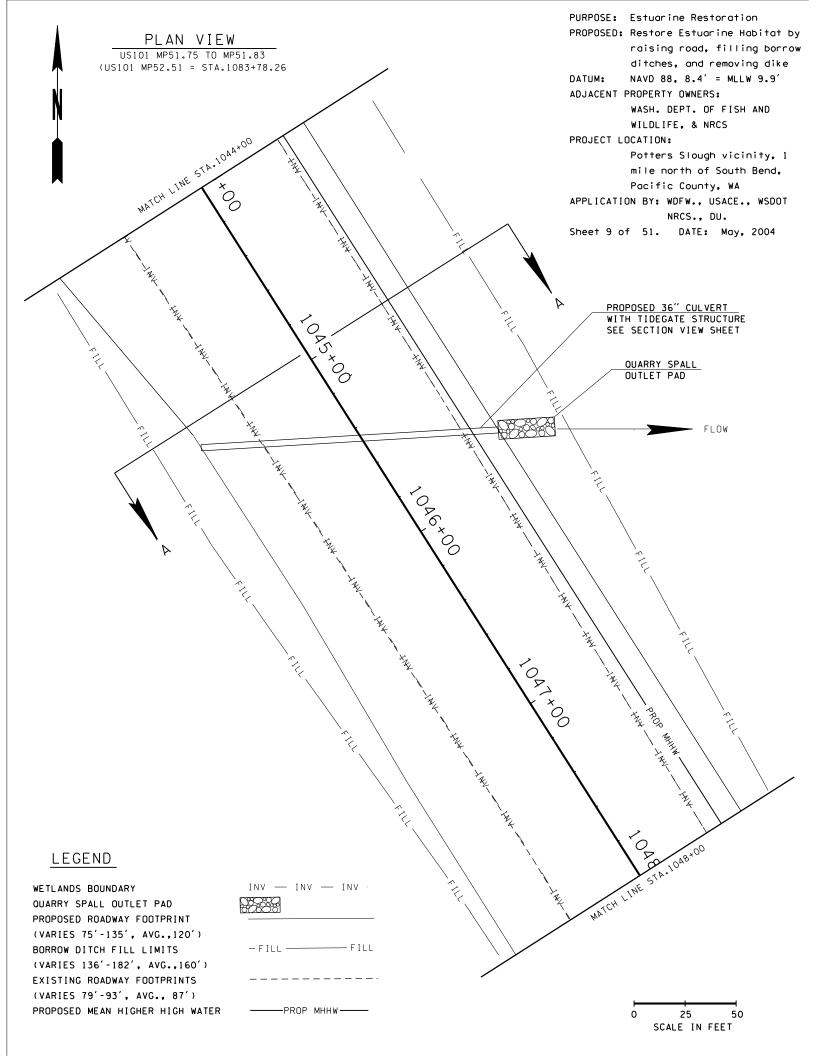


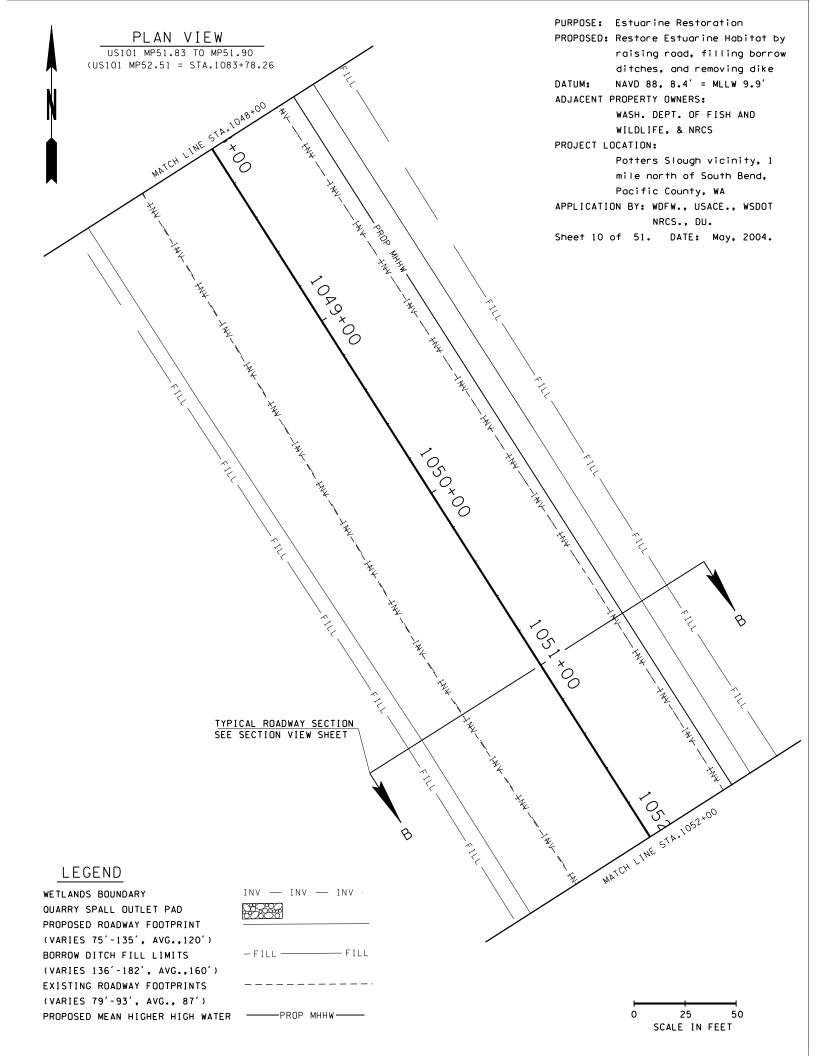


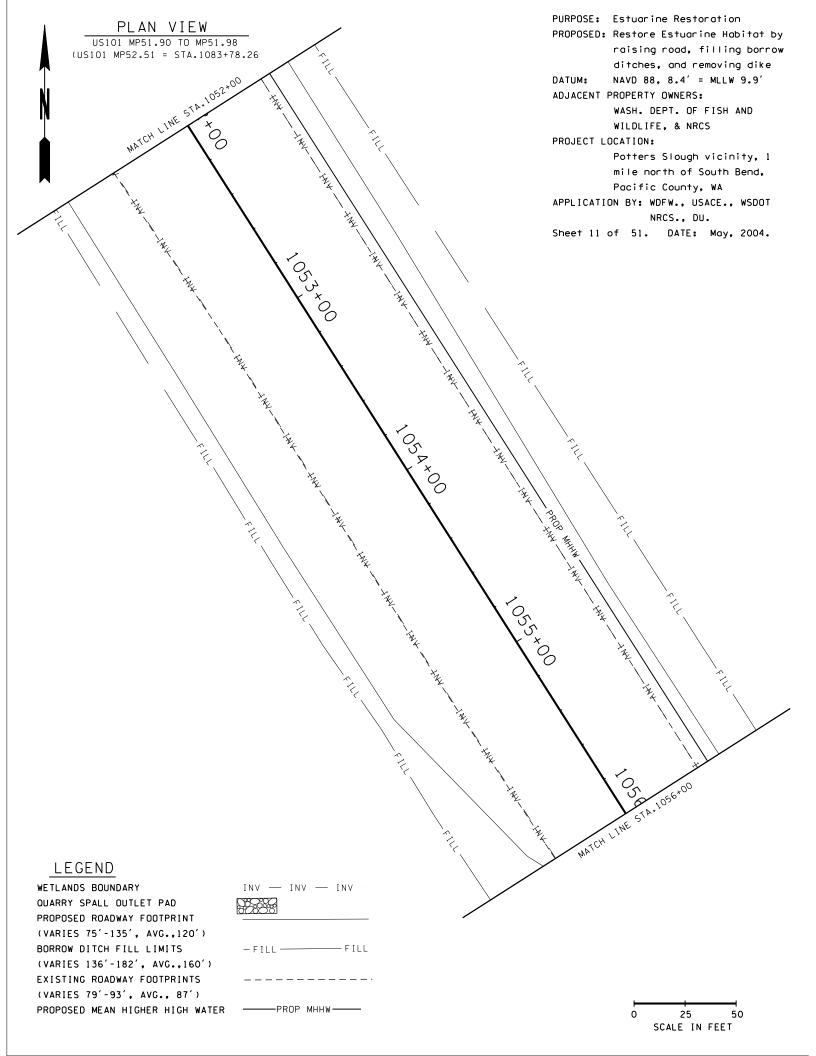


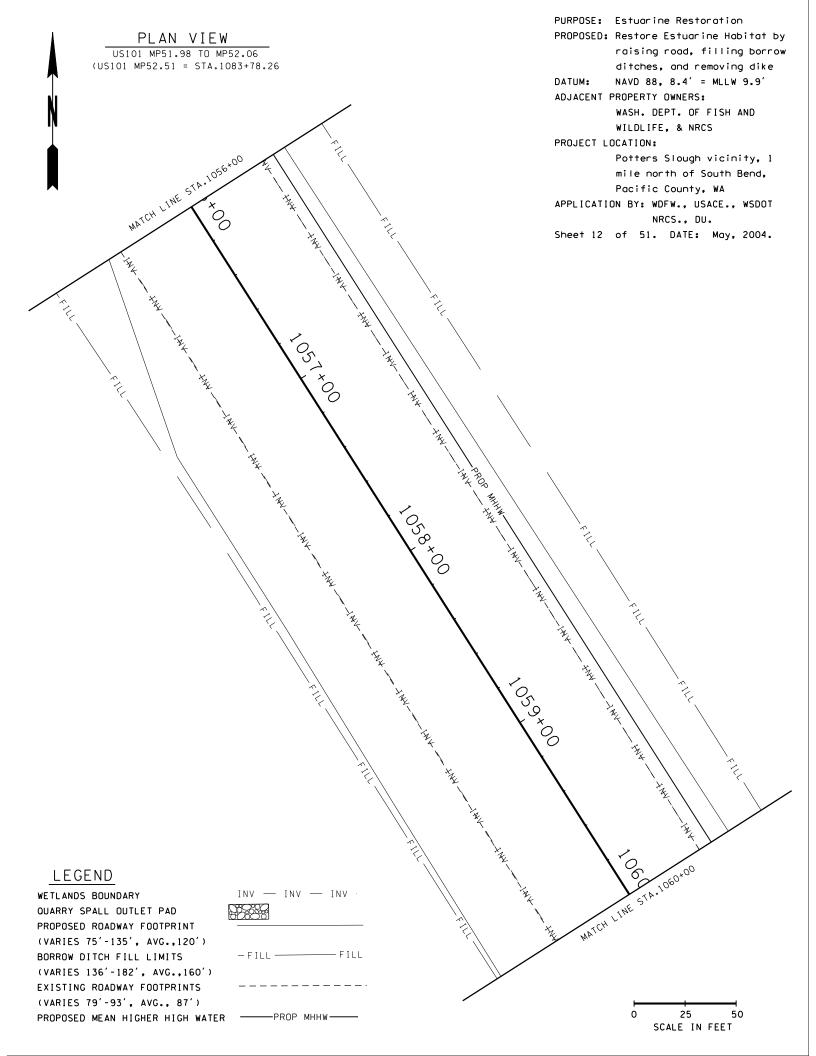


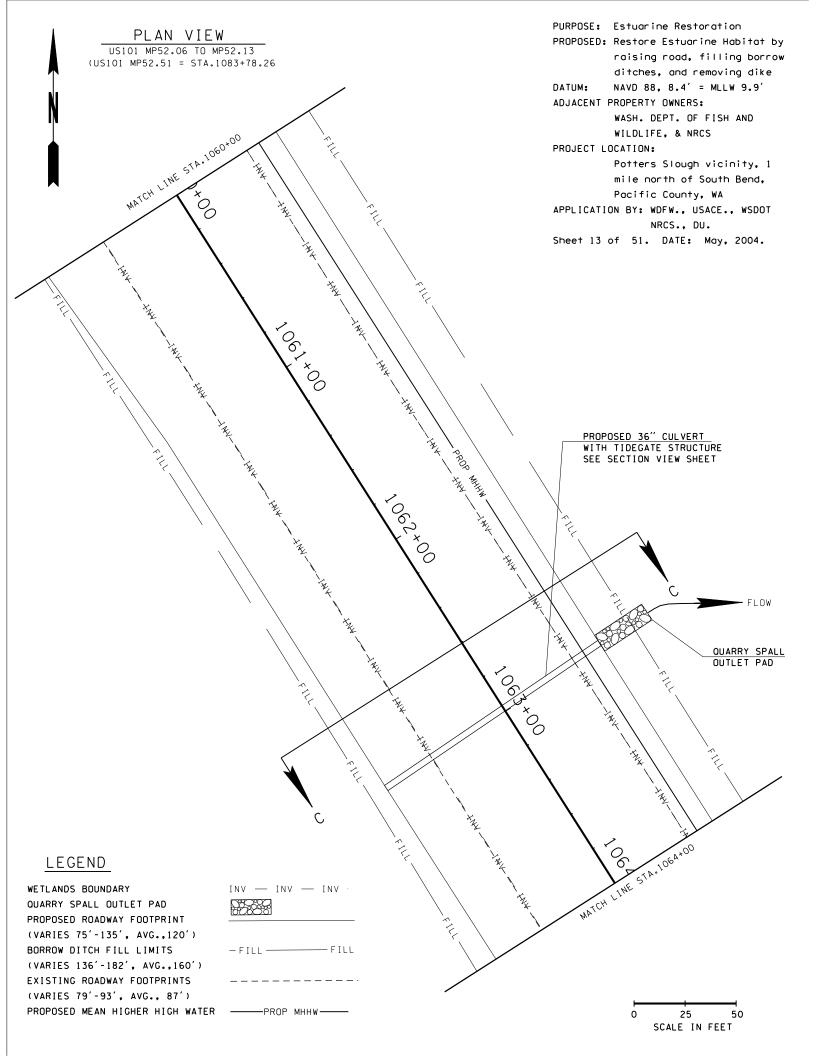


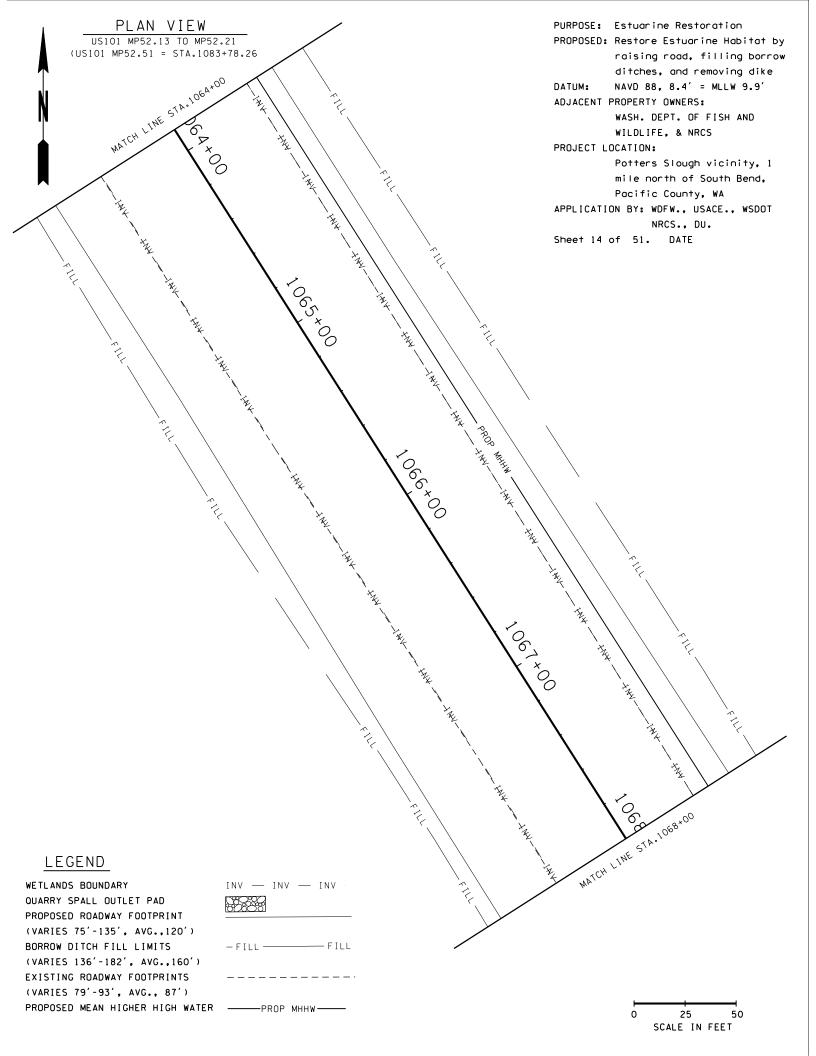


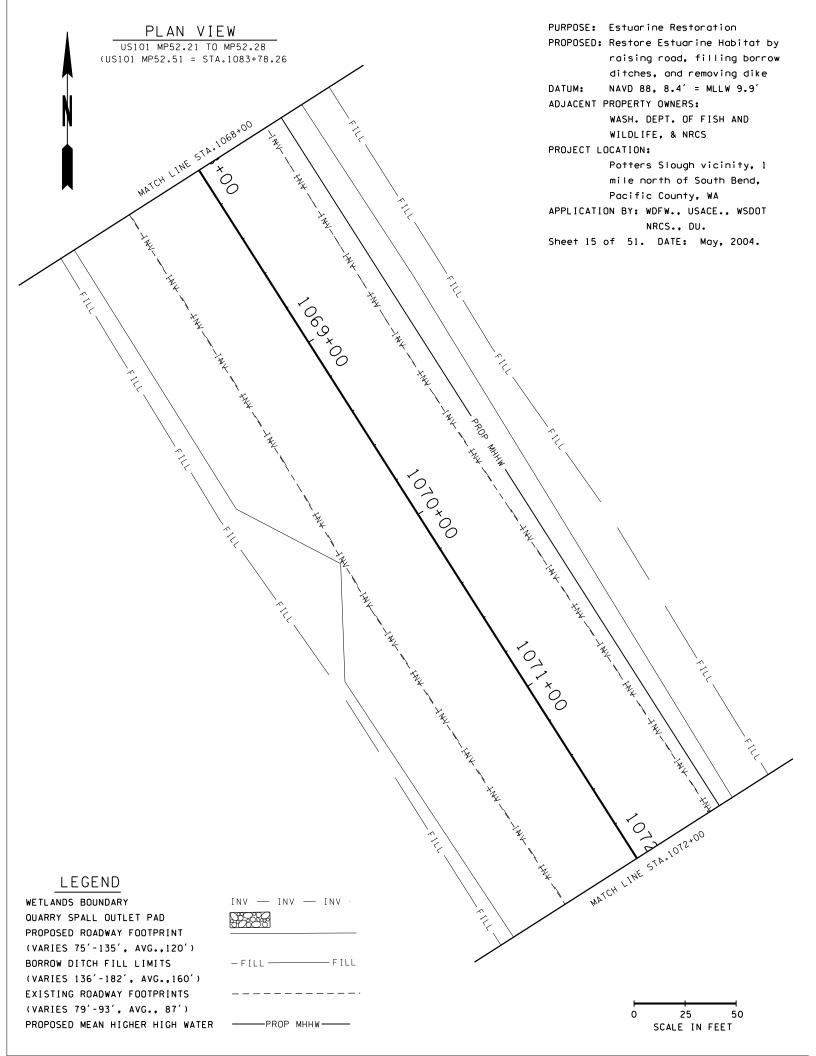


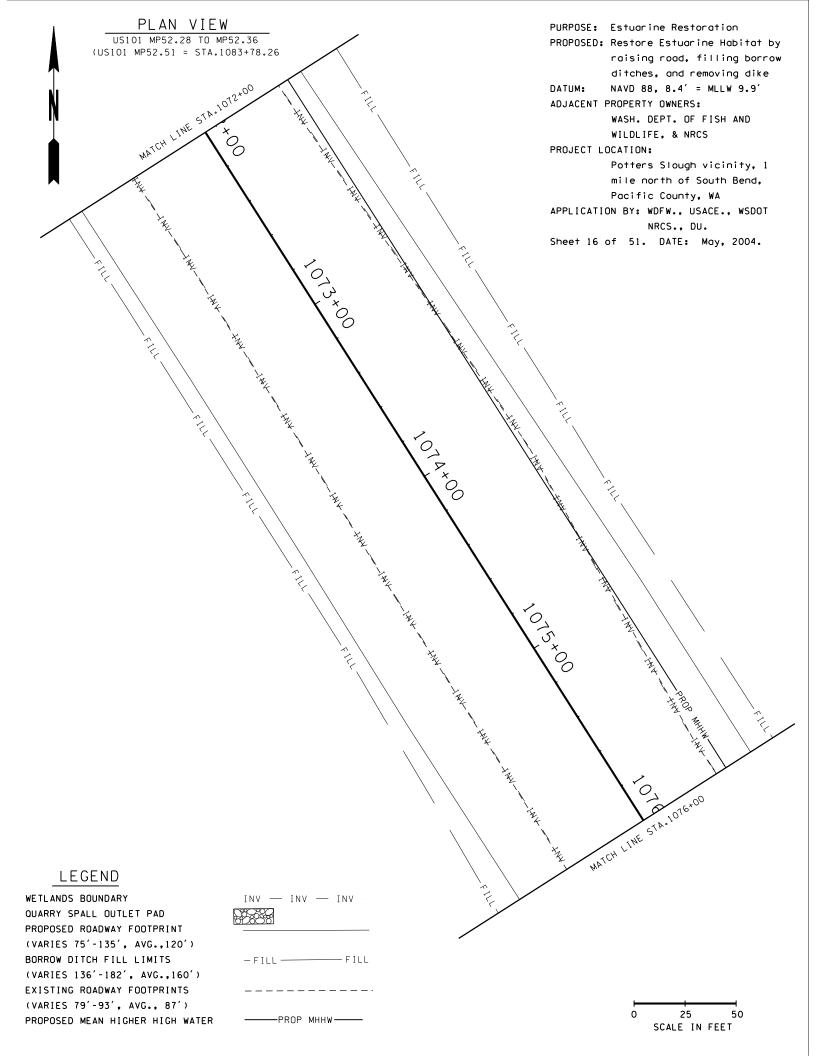


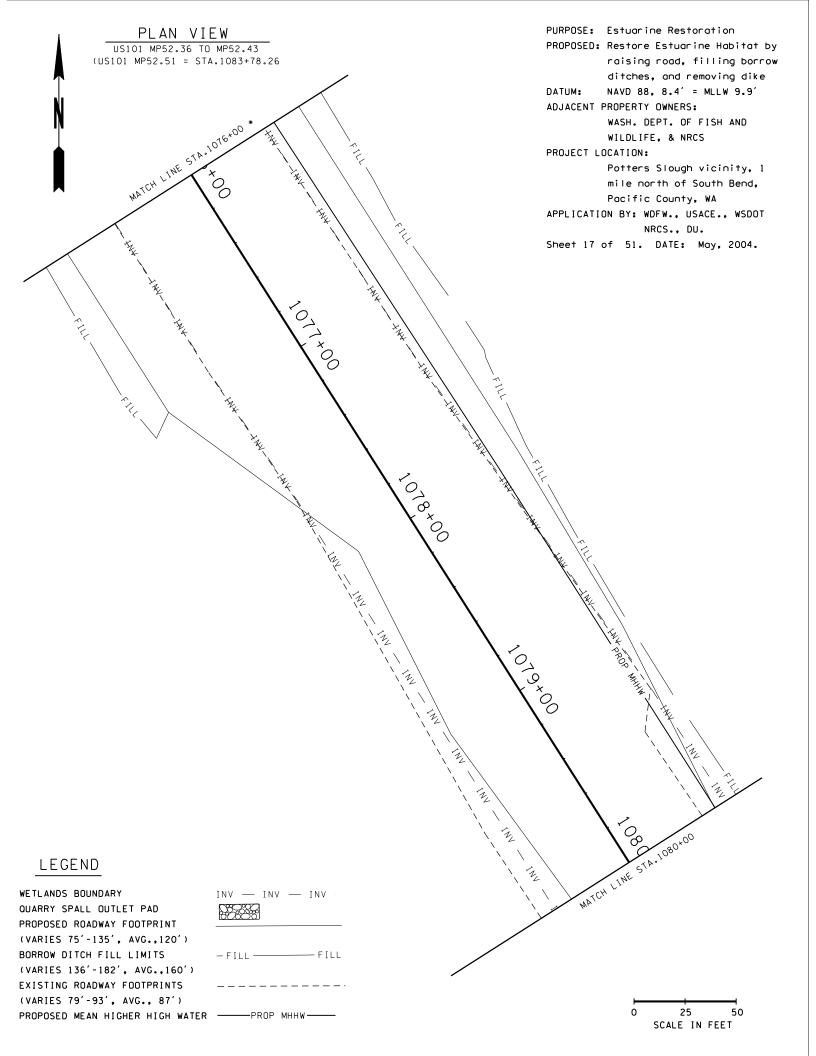


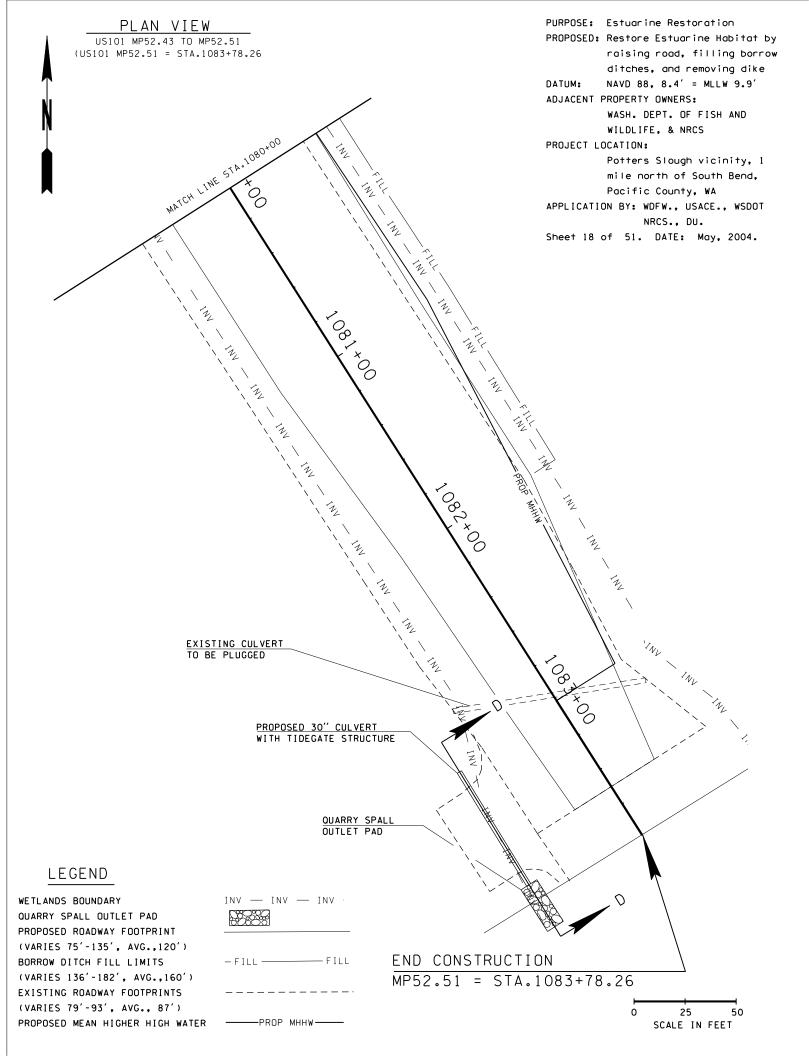


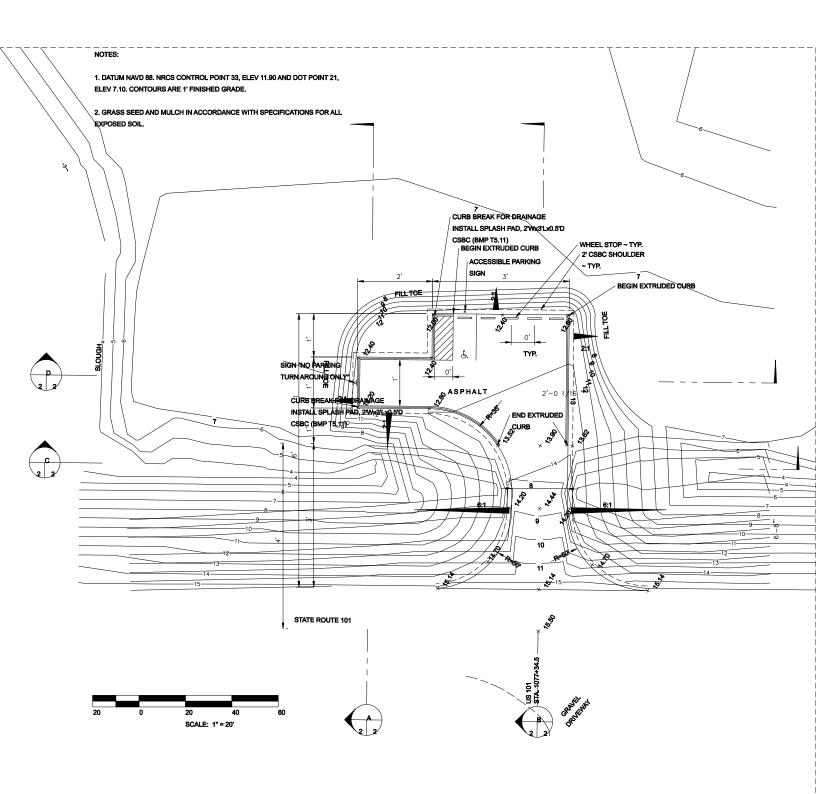












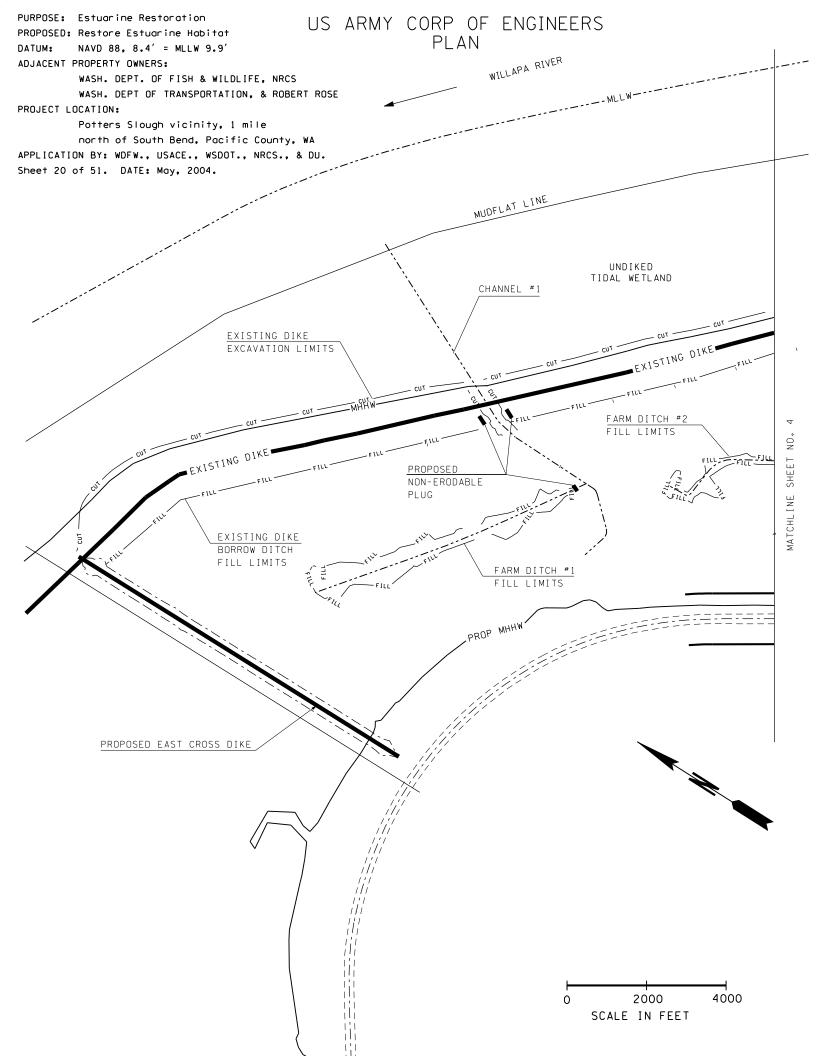
## QUANTITY SCHEDULE:

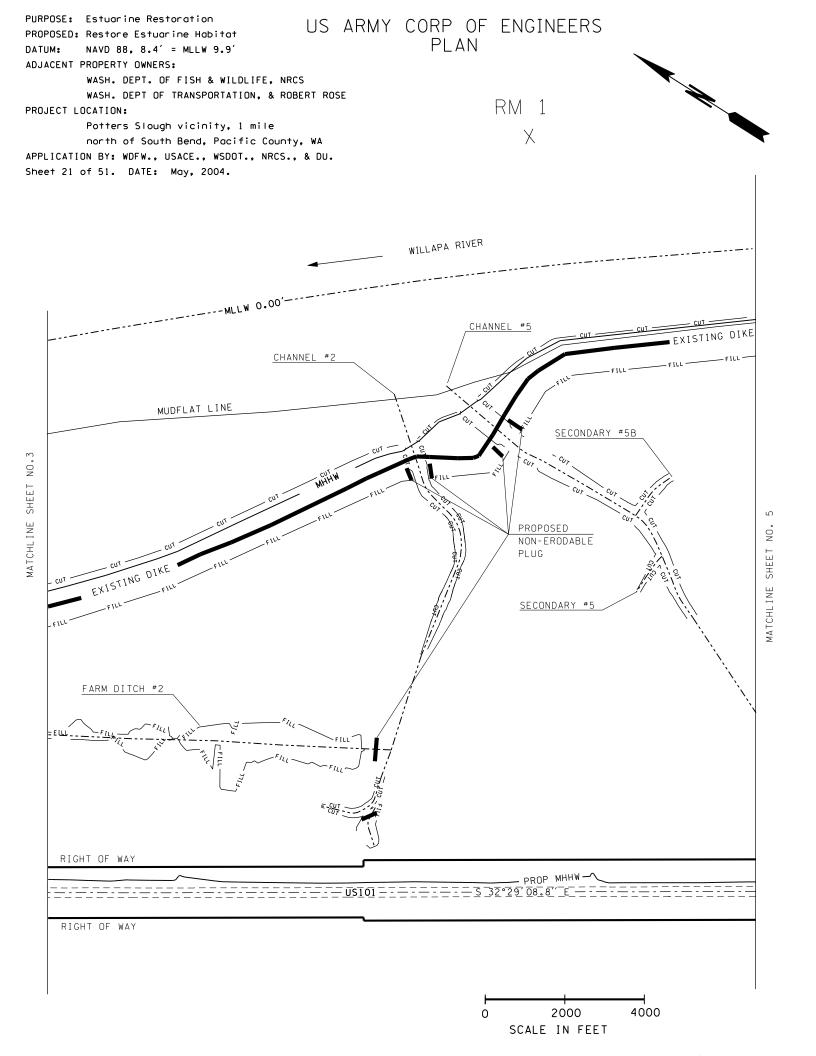
CRUSHED BORROW 1750 CY COMMON BORROW 300 CY CSBC 90 CY ACP 54 CY PRE-CAST WHEELSTOP 5 EA EXTRUDED CURB 200 LF PAINT STRIPING 130 LF GRASS SEED AND MULCH 0.15 AC

| WILLAPA ACCESS<br>SITE PLAN         |
|-------------------------------------|
| WASHINGTON DEPT. of FISH & WILDLIFE |
| 600 CAPITOL WAY N                   |
| OLYMPIA, WA 98501 - 1091            |
| ENG BROJECT NO                      |

ENG. PROJECT NO.

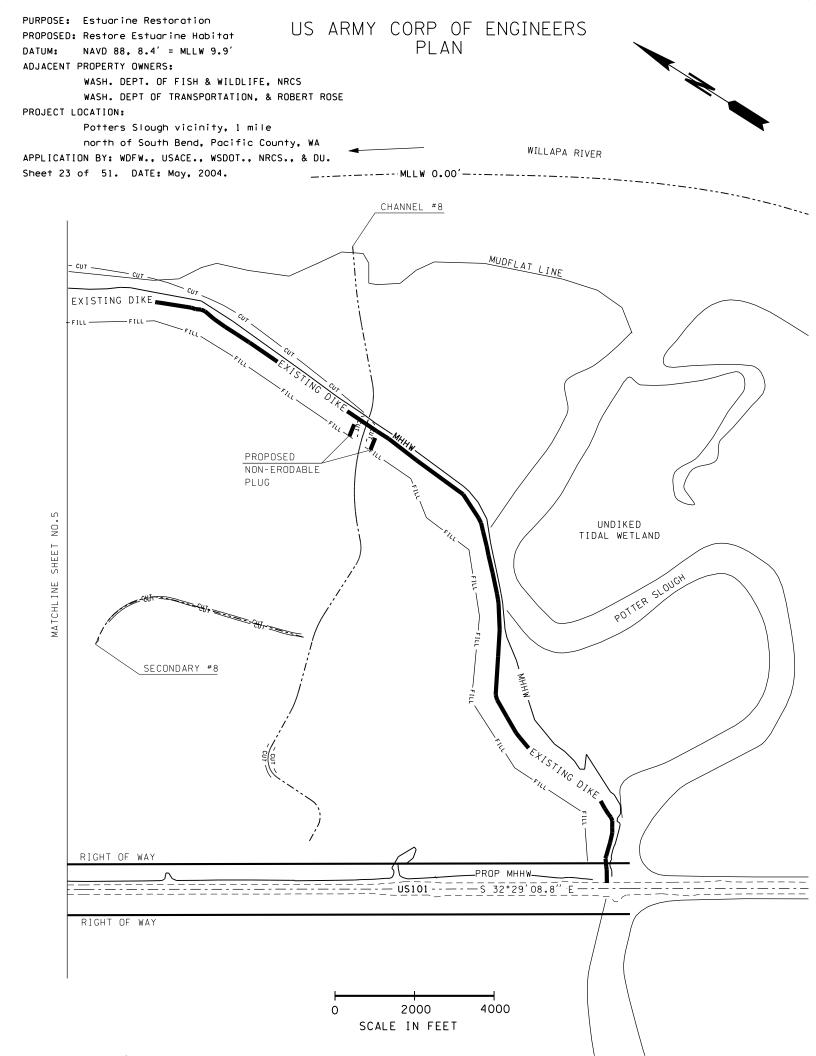
DATE: MAY, 2004 SHEET 19 OF 51

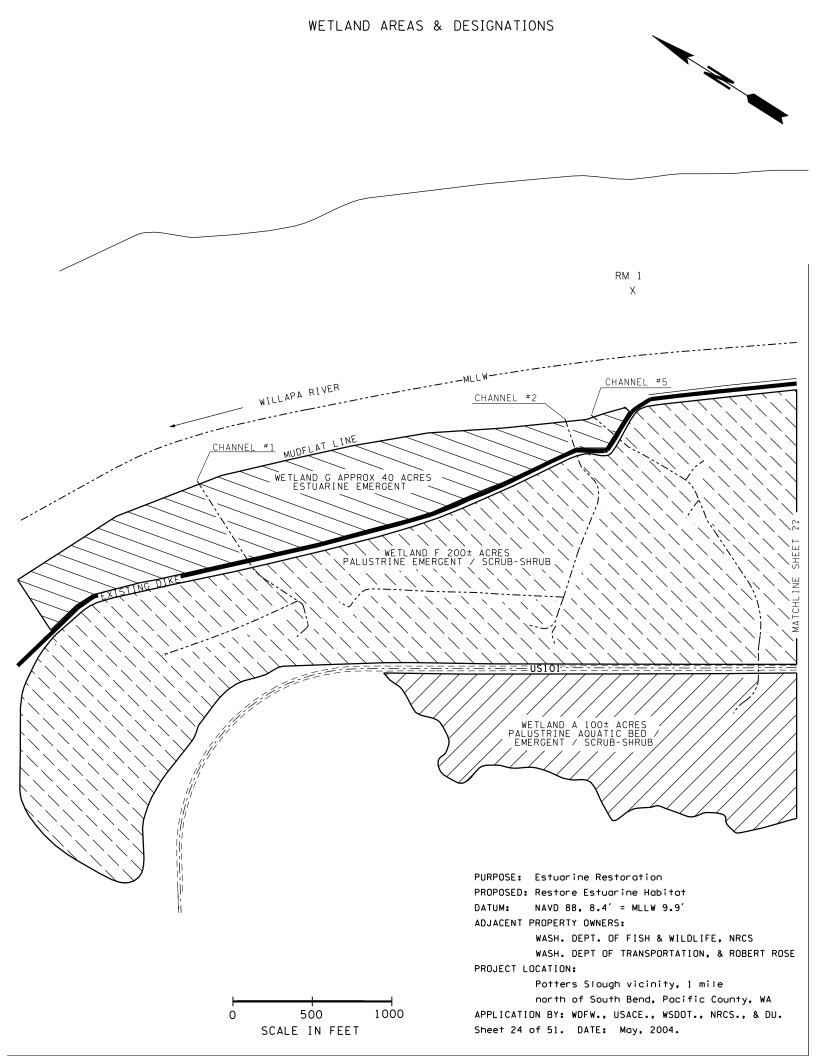


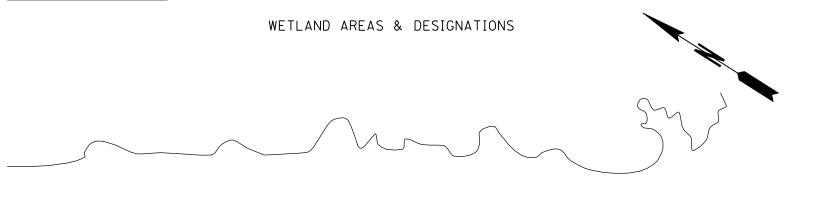


US ARMY CORP OF ENGINEERS PROPOSED: Restore Estuarine Habitat PLAN DATUM: NAVD 88, 8.4' = MLLW 9.9' ADJACENT PROPERTY OWNERS: WASH. DEPT. OF FISH & WILDLIFE, NRCS WASH. DEPT OF TRANSPORTATION, & ROBERT ROSE PROJECT LOCATION: Potters Slough vicinity, 1 mile north of South Bend, Pacific County, WA APPLICATION BY: WDFW., USACE., WSDOT., NRCS., & DU. WILLAPA RIVER Sheet 22 of 51. DATE: May, 2004. \_ MLLW 0.00'---CHANNEL #7 PROPOSED NON-ERODABLE PLUG SECONDARY #7 MATCHLINE SHEET NO. MATCHLINE SHEET NO. FARM DITCH #7 PROPOSED NON-ERODABLE PLUG -PROP MHHW ~ RIGHT OF WAY 2000 4000 SCALE IN FEET

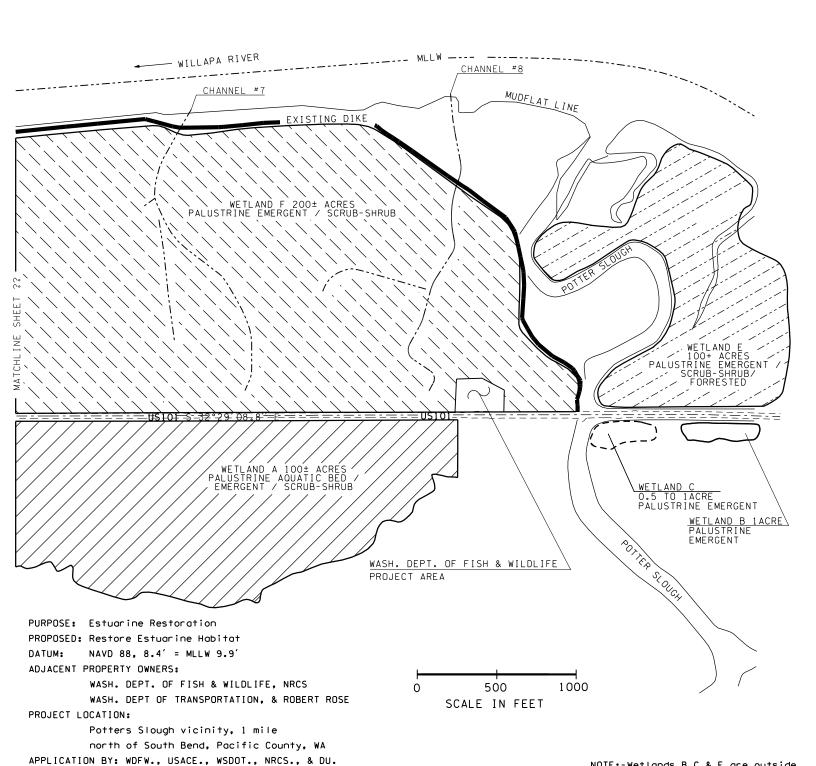
PURPOSE: Estuarine Restoration





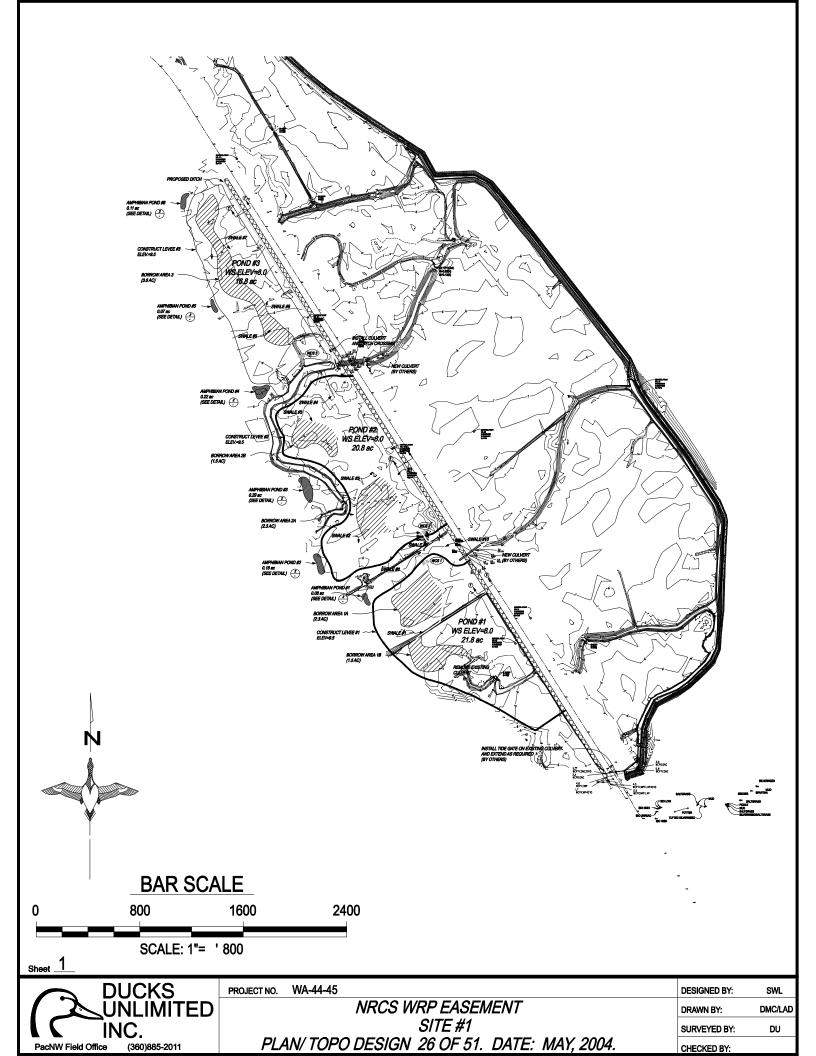


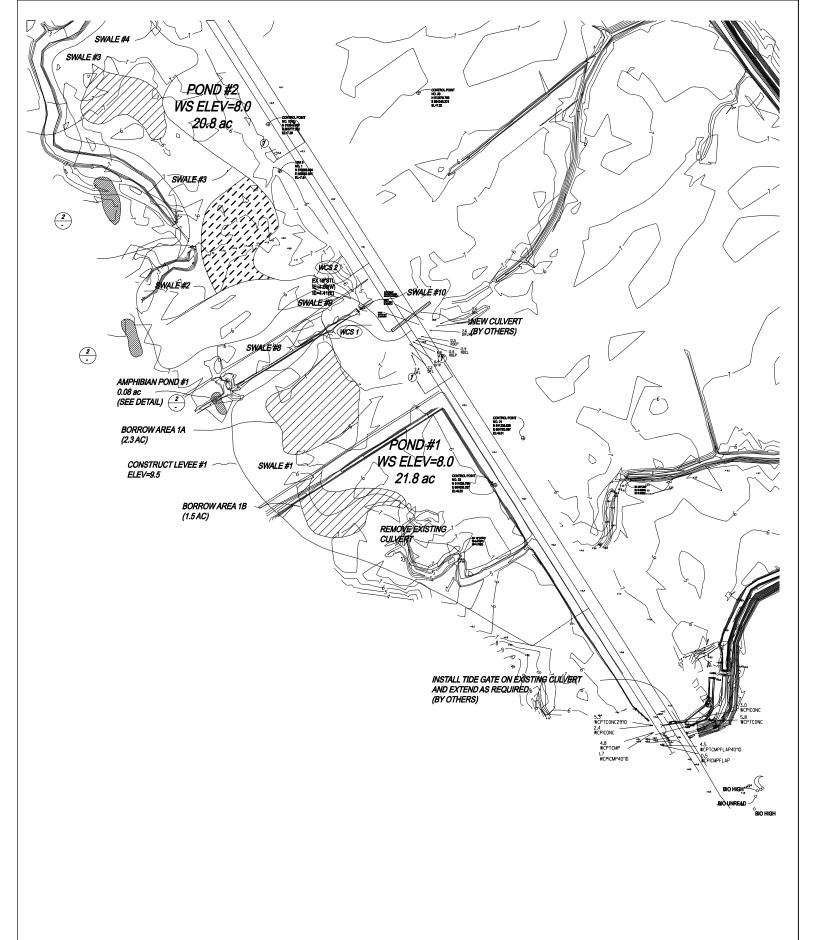
RM 2 χ



Sheet 25 of 51. DATE: May, 2004.

NOTE:-Wetlands B,C,& E are outside of project limits.





Sheet 7

**DUCKS** (360)885-2011 PacNW Field Office

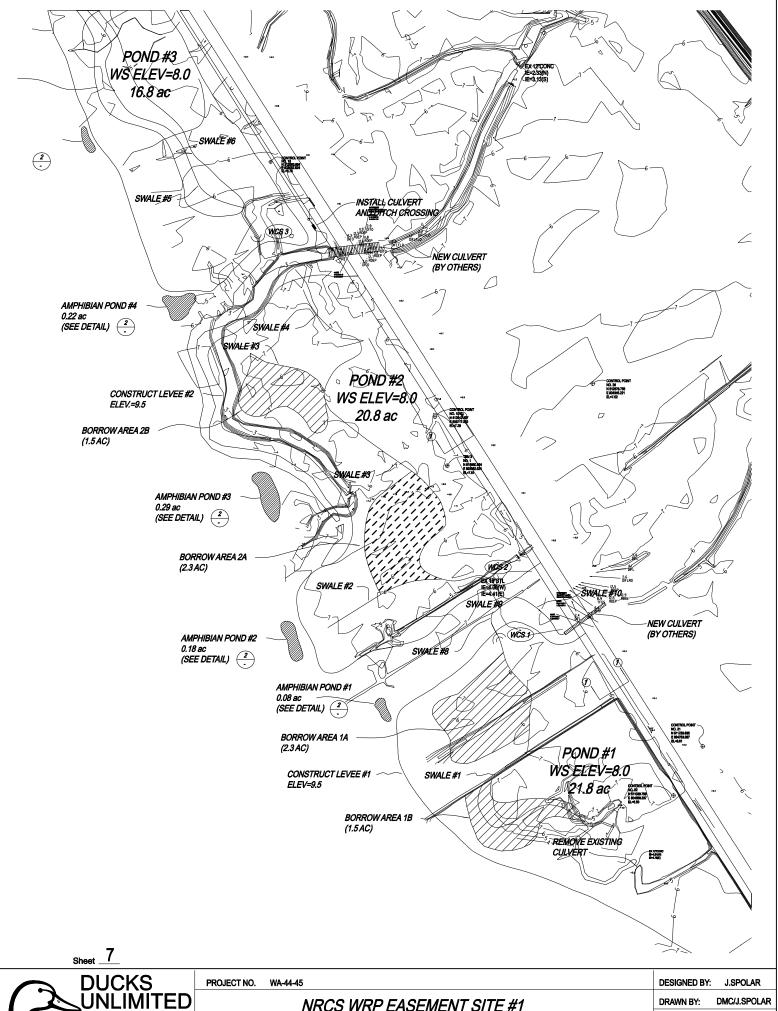
PROJECT NO. WA-44-45

NRCS WRP EASEMENT SITE #1 POND 1 SHEET 27 OF 51, DATE: MAY, 2004. DESIGNED BY: J.SPOLAR DRAWN BY: DMC/J.SPOLAR

DU

SURVEYED BY:

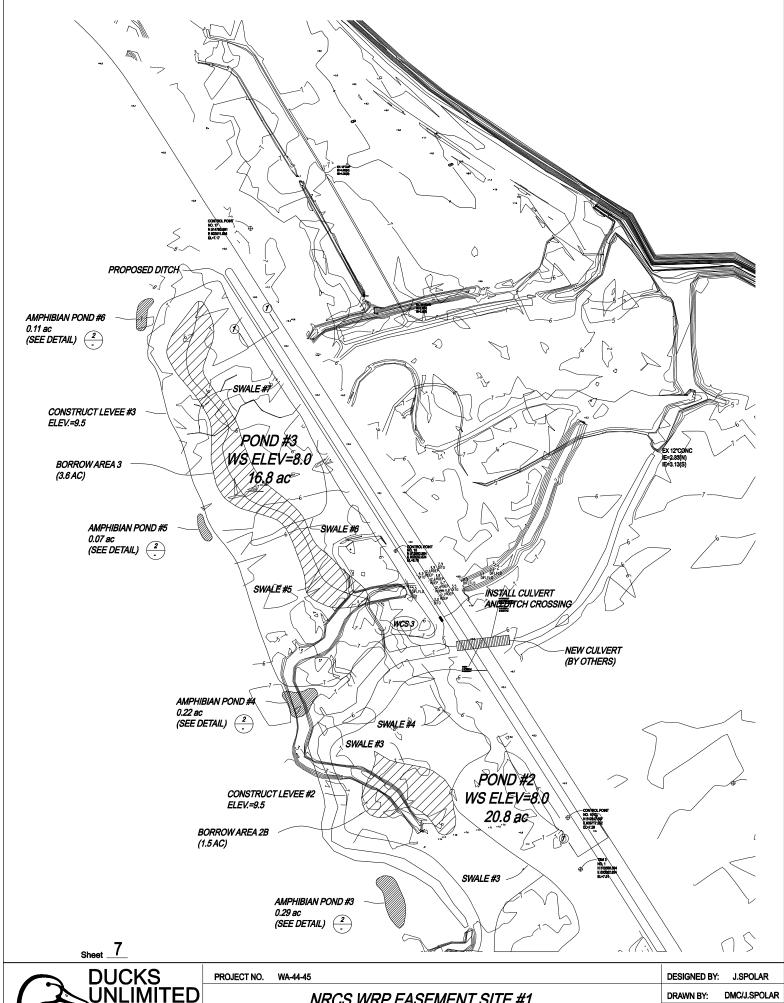
CHECKED BY:



PacNW Field Office (360)885-2011

NRCS WRP EASEMENT SITE #1 POND 2 SHEET 28 OF 51, DATE: MAY, 2004.

SURVEYED BY: DU CHECKED BY:



PacNW Field Office

NRCS WRP EASEMENT SITE #1

SURVEYED BY: DU

CHECKED BY:

(360)885-2011

POND 3 SHEET 29 OF 51, DATE: MAY, 2004.

